



Service Information Bulletin

NUMBER: 3 6–09 **S.M. REF.:** Listed in Table **ENGINE:** DD Series **DATE:** March 2009

SUBJECT: SPN 51

ADDITIONS, REVISIONS, OR UPDATES

Publication Number	Platform	Section Title	Change	Page Number(s)
DDC-SVC-MAN-0036	EPA07 DD13, EPA07 DD15	7.1 SPN 51/FMI 2	Step six (6) has been added to the procedure. Step four (4) has been added to the verify repairs.	7–1

NOTE: Page numbers are based on the most recent version of the individual publication and may be adjusted throughout the annual print cycle.

SPN 51/FMI 2

CHECK FOR INTAKE THROTTLE POSITION DEVIATION ERROR

Check as follows:

1. Turn ignition ON (key ON, engine OFF). Clear all code(s) using DDDL 7.X.
2. Turn ignition key OFF.
3. Turn ignition ON (key ON, engine OFF) and listen for the intake throttle valve to sweep.
4. If an audible sweep was heard and no faults are active, repeat step 1 and step 3. If an audible sweep was still heard and no faults are active after repeating steps, test is complete. Verify Repairs.
5. If no audible sweep heard and faults are active, go to step 6.
6. Disconnect intake throttle valve connector and inspect for bent, damaged, or corroded pins.
 - [a] If pin damage is found, repair as necessary. Verify Repairs.
 - [b] If no pin damage is found, go to step 7.
7. Disconnect the charge air pipe from the intake throttle valve. Check intake throttle plate for obstructions or damage.
 - [a] If obstructions are found, repair as necessary. Verify Repairs.
 - [b] If damage is found, replace the intake throttle valve. Verify Repairs.

ADDITIONAL SERVICE INFORMATION

Additional service information is available in *Power Service Literature*.

DETROIT DIESEL
CORPORATION



13400 Outer Drive, West / Detroit, Michigan 48239-4001
Telephone: 313-592-5000
www.detroitdiesel.com